

## WEST Search History





DATE: Monday, August 01, 2005

Hide?	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L59	L14 and (signature\$ adj4 generator\$) and cache	0
<input type="checkbox"/>	L58	L14 and signature\$ adj4 generator\$ and cache	0
<input type="checkbox"/>	L57	cache same (url or uniseral resource locator) same coherency	4
<input type="checkbox"/>	L56	(cache same (url or uniseral resource locator) same coherency).clm.	0
<input type="checkbox"/>	L55	(cache same (url or uniseral resource locator) same cohenrenency).clm.	0
<input type="checkbox"/>	L54	(log\$ same (url or uniseral resource locator) same cohenrenency).clm.	0
<input type="checkbox"/>	L53	(signature same log\$ same (url or uniseral resource locator) same cohenrenency).clm.	0
<input type="checkbox"/>	L52	L50 and (signature adj5 cache)	1
<input type="checkbox"/>	L51	L50 and (signature adj3 generator)	0
<input type="checkbox"/>	L50	L49 and 709/2\$\$\$.ccls.	318
<input type="checkbox"/>	L49	L48 and log\$ same (url or uniseral resource locator)	839
<input type="checkbox"/>	L48	(determin\$ or locat\$3) same (allow\$4 or enabl\$) same (storage or memory or cache) and (cohenrenency or stick\$ or order\$)	122294
<input type="checkbox"/>	L47	generat\$4 same (log\$4 same tag\$4) and (cohenrenency near3 manag\$5)	0
<input type="checkbox"/>	L46	generat\$4 same (log\$4 and cache same tag\$4) and (cohenrenency near3 manag\$5)	0
<input type="checkbox"/>	L45	generat\$4 same (log\$4 and cache tag\$4) and (cohenrenency near3 manag\$5)	0
<input type="checkbox"/>	L44	L22 and (cohenrenency near3 manag\$5)	0
<input type="checkbox"/>	L43	L33 and signature\$ adj4 generator\$	0
<input type="checkbox"/>	L42	L34 and (705/8).ccls.	0
<input type="checkbox"/>	L41	L34 and 713/16\$.ccls.	0
<input type="checkbox"/>	L40	L34 and (713/166).ccls.	0
<input type="checkbox"/>	L39	L34 and (713/1666).ccls.	0
<input type="checkbox"/>	L38	L34 and (713/163).ccls.	0
<input type="checkbox"/>	L37	L34 and 709/2\$\$\$.ccls.	3
<input type="checkbox"/>	L36	L34 and (709/231).ccls.	0
<input type="checkbox"/>	L35	L34 and (709/215).ccls.	0
<input type="checkbox"/>	L34	L33 and log\$ and signature\$	6
<input type="checkbox"/>	L33	(generat\$4 same log\$4) and (COHERENCY same server) same cache and tag\$4.	39

*DB=USPT; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L32	(generat\$4 same log\$4) and (COHERENCY same server) same cache and tag\$4	11
<input type="checkbox"/>	L31	(generat\$4 same log\$4) and (COHERENCY adj2 server) same cache and tag\$4	0
<input type="checkbox"/>	L30	generat\$4 same log\$4 and (COHERENCY adj2 server) same cache and tag\$4	0
<input type="checkbox"/>	L29	generat\$4 same (log\$4 and tag\$4) and (COHERENCY adj2 server) same cache	0

*DB=JPAB; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L28	generat\$4 same (log\$4 and tag\$4) and (COHERENCY adj2 server) same cache	0
<input type="checkbox"/>	L27	generat\$4 same (log\$4 and cache and tag\$4) and (COHERENCY adj2 server) same cache	0
<input type="checkbox"/>	L26	L25	0
<input type="checkbox"/>	L25	generat\$4 same (log\$4 and cache tag\$4) and (COHERENCY adj2 server) same cache	0

*DB=USOC; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L24	generat\$4 same (log\$4 and cache tag\$4) and (COHERENCY adj2 server) same cache	0
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*DB=PGPB; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L23	generat\$4 same (log\$4 and cache tag\$4) and (COHERENCY adj2 server) same cache	0
<input type="checkbox"/>	L22	generat\$4 same (log\$4 and cache tag\$4)	65

*DB=TDBD; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L21	generat\$4 same (log\$4 and cache tag\$4)	1
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*DB=DWPI; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L20	generat\$4 same (log\$4 and cache tag\$4)	9
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*DB=USPT; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L19	L14 and 709/2\$\$ccls.	6
<input type="checkbox"/>	L18	(digital adj4 signature) and L14 and updat\$4	2
<input type="checkbox"/>	L17	(signature adj4 digital) and L14 and updat\$4	0
<input type="checkbox"/>	L16	(signature adj2 digital) and L14	0
<input type="checkbox"/>	L15	(signature adj2 digital) and L14 and updat\$4	0
<input type="checkbox"/>	L14	generat\$4 same (log\$4 and cache tag\$4)	341
<input type="checkbox"/>	L13	tag\$4 and L12	0
<input type="checkbox"/>	L12	(COHERENCY adj2 server) same cache same updat\$4 and web and (url or universal resource locator)	5
<input type="checkbox"/>	L11	(COHERENCY adj2 server) same cache same updat\$4 and web	5
<input type="checkbox"/>	L10	web and L9	0
<input type="checkbox"/>	L9	signature\$ and L8	2
<input type="checkbox"/>	L8	(COHERENCY adj2 server) same cache same updat\$4	7

<input type="checkbox"/>	L7	(determin\$ or locat\$3) same allow\$4 same sav\$4 same (storage or memory or cache) same server same mobile	1
<input type="checkbox"/>	L6	(determin\$ or locat\$3) same allow\$4 same (storage or memory or cache) same server same mobile	48
<input type="checkbox"/>	L5	(set\$4 same right) same (storage or memory or cache) same server same mobile	4
<input type="checkbox"/>	L4	(propriety-right) same (storage or memory or cache) same server	0
<input type="checkbox"/>	L3	(propriety adj2 right) same (storage or memory or cache) same server	0
<input type="checkbox"/>	L2	(propriety adj right) same (storage or memory or cache) same server	0
<input type="checkbox"/>	L1	(propriety adj right) same (storage or memory or cache) same server same mobile	0

END OF SEARCH HISTORY

**RESULT LIST**

31 results found in the Worldwide database for:  
**web and caching and method** in the title  
(Results are sorted by date of upload in database)

**1 WEB CACHING DEVICE, WEB CACHING METHOD, AND WEB CACHING PROGRAM**

Inventor: ISHIHARA SHINYA; KANBAYASHI TAKASHI      Applicant: NIPPON TELEGRAPH & TELEPHONE  
EC:      IPC: G06F12/00; G06F13/00  
Publication info: **JP2005063192** - 2005-03-10

**2 Method and apparatus for supporting object caching in a web presentation architecture**

Inventor: YEE SUNNY K (US); JOHNSON PETER      Applicant:  
CHRISTOPHER (US)  
EC:      IPC: G06F15/00  
Publication info: **US2005050455** - 2005-03-03

**3 System and method for caching type information for un-typed web service requests**

Inventor: KUNISETTY SUNIL (US)      Applicant: ORACLE INT CORP (US)  
EC: G06F17/30W9C; H04L29/06      IPC: G06F15/16  
Publication info: **US2004221008** - 2004-11-04

**4 Predictive branching and caching method and apparatus for web applications**

Inventor: GU JUN (US); KERR JOHN (US)      Applicant: HEWLETT PACKARD DEVELOPMENT CO (US)  
EC: G06F17/30W9C      IPC: G06F17/30  
Publication info: **EP1418511** - 2004-05-12

**5 Dynamic web page caching system and method**

Inventor: CORCORAN MICHAEL (CA)      Applicant:  
EC: G06F17/30W9C      IPC: G06F15/16  
Publication info: **US2003120752** - 2003-06-26

**6 METHOD, APPARATUS, AND SYSTEM FOR IMPLEMENTING VIEW CACHING IN A FRAMEWORK TO SUPPORT WEB-BASED APPLICATIONS**

Inventor: MUKUNDAN ANIL (US); COKER JOHN (US);      Applicant: SIEBEL SYSTEMS INC (US); MUKUNDAN  
(+1)      ANIL (US); (+2)  
EC:      IPC: G06F9/44  
Publication info: **WO03029968** - 2003-04-10

**7 METHOD AND ARCHITECTURE FOR SERVING AND CACHING WEB OBJECTS ON THE MODERN INTERNET**

Inventor: MCGREGOR GREGORY M (US); ZULLO      Applicant: AZOTH TECHNOLOGIES INC (US);  
JEREMY (US); (+1)      MCGREGOR GREGORY M (US); (+2)  
EC: G06F17/30W9C; H04L29/06; (+1)      IPC: G06F  
Publication info: **WO0242874** - 2002-05-30

**8 METHOD AND SYSTEM FOR CACHING SECURE WEB CONTENT**

Inventor: CHAWLA RAJEEV (US); PANAGIOTIS      Applicant: INGRIDIAN SYSTEMS INC (US); CHAWLA  
TSIRIGOTIS (US); (+1)      RAJEEV (US); (+2)  
EC: H04L29/06C6B; H04L29/06C6G      IPC: H04L29/06  
Publication info: **WO03007575** - 2003-01-23

**9 Method and system for web caching based on predictive usage**

Inventor: BEYDA WILLIAM J (US)      Applicant:  
EC: G06F17/30W9C      IPC: G06F12/00  
Publication info: **US2003061451** - 2003-03-27

**10 Method and system for selectively caching web elements**

**Inventor:** BEYDA WILLIAM J (US)

**Applicant:**

**EC:** G06F17/30W9C

**IPC:** G06F12/00

**Publication info:** **US2003061449** - 2003-03-27

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**RESULT LIST**

31 results found in the Worldwide database for:

**web and caching and method** in the title

(Results are sorted by date of upload in database)

- 11 Method and system for caching secure web content**  
Inventor: CHAWLA RAJEEV (US); TSIRIGOTIS PANAGIOTIS (US); (+1) Applicant:  
EC: H04L29/06C6B; H04L29/06C6G IPC: H04L9/00; G06F17/60  
Publication info: **US2002016911** - 2002-02-07
- 12 Method of caching web resources**  
Inventor: ROSENZWEIG MICHAEL D (US) Applicant:  
EC: G06F17/30W9C IPC: G06F12/00  
Publication info: **US2001023476** - 2001-09-20
- 13 Cooperative adaptive web caching routing and forwarding web content data broadcasting method**  
Inventor: HUDSON MICHEL BARTLETT SCOTT (US) Applicant: AEROSPACE CORP (US)  
EC: G06F17/30W9C; H04L12/56C1; (+1) IPC: G06F15/173  
Publication info: **US2002143984** - 2002-10-03
- 14 Cooperative adaptive web caching routing and forwarding web content data requesting method**  
Inventor: MICHEL BARTLETT SCOTT HUDSON (US) Applicant: AEROSPACE CORP (US)  
EC: G06F17/30W9C; H04L29/12A IPC: G06F15/16  
Publication info: **US2002133570** - 2002-09-19
- 15 Method and system for specifying a cache policy for caching web pages which include dynamic content**  
Inventor: MARTIN BRIAN KEITH (US); SHUPP DANIEL CHRISTOPHER (US) Applicant: IBM (US)  
EC: G06F17/30W9C; H04L29/06 IPC: G06F15/16  
Publication info: **US2002112032** - 2002-08-15
- 16 DYNAMIC WEB PAGE CACHING SYSTEM AND METHOD**  
Inventor: CORCORAN MICHAEL (CA) Applicant: SPIDERSOFTWARE INC (CA)  
EC: G06F17/30W9C IPC: G06F17/30  
Publication info: **CA2415641** - 2002-01-17
- 17 METHOD AND CONSTITUTION FOR DELAY-CORRESPONDING HASHING FOR COMMON WEB CACHING**  
Inventor: WU KUN-LUNG; PHILIP SHIIRAN YU Applicant: IBM  
EC: G06F17/30W9C IPC: G06F12/00; G06F13/00  
Publication info: **JP2001273186** - 2001-10-05
- 18 METHOD FOR CACHING WEB CONTENTS**  
Inventor: HIDAKA SHINJI; WATANABE MOTOMU; (+1) Applicant: CASIO COMPUTER CO LTD  
EC: IPC: G06F12/00; G06F13/00; (+2)  
Publication info: **JP2002215448** - 2002-08-02
- 19 Intelligent device having background caching of web pages within a digital television system and method of same**  
Inventor: BROTZ MARIO UDO (US); WANG DAVID S (US) Applicant: SONY CORP AND SONY ELECTRONICS (US)  
EC: IPC: G06F7/00  
Publication info: **US2001007105** - 2001-07-05
- 20 WEB SERVER SYSTEM, ADVERTISEMENT SERVER SYSTEM AND METHOD FOR CACHING ADVERTISEMENT FILE**

**Inventor:** JANG HUN (KR); KIM GEON TAE (KR)

**Applicant:** SEROME TECHNOLOGY INC (KR)

**EC:**

**IPC:** G06F15/00

**Publication info:** KR2002038137 - 2002-05-23

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**RESULT LIST**

31 results found in the Worldwide database for:  
**web and caching and method** in the title  
(Results are sorted by date of upload in database)

- 21 SERVER HAVING NETWORK AUTOMATIC SETTING, WEB CACHING, AND FILE SHARING FUNCTIONS USING NAT SYSTEM AND METHOD FOR PERFORMING FUNCTIONS**  
Inventor: HEO NO JAE (KR) Applicant: HEO NO JAE (KR)  
EC: IPC: H04L12/28  
Publication info: **KR2002025469** - 2002-04-04
- 22 System and method for intelligent caching and refresh of dynamically generated and static web content**  
Inventor: LI WEN SYAN (US); CANDAN KASIM SELOUK Applicant: NIPPON ELECTRIC CO (JP)  
(US); (+1)  
EC: G06F17/30W9C IPC: G06F17/30; G06F7/00  
Publication info: **US6591266** - 2003-07-08
- 23 Method for collaborative transformation and caching of web objects in a proxy network**  
Inventor: BEURKET JOHN BENJAMIN (US); MALKIN Applicant: IBM (US)  
PETER KENNETH (US); (+3)  
EC: G06F17/30W9C; G06F17/30W9V; (+1) IPC: G06F15/173; G06F15/16  
Publication info: **US6360273** - 2002-03-19
- 24 Method and apparatus for caching web-based information**  
Inventor: CHEN KUO-WEI H (US); LIN CHUENG-HSIEN Applicant: LUCENT TECHNOLOGIES INC (US)  
(US); (+1)  
EC: G06F12/08B12; G06F17/30W9C IPC: G06F12/08  
Publication info: **US6389510** - 2002-05-14
- 25 Method for improving the performance of a web service by caching the most popular (real-time) information**  
Inventor: NUSBICKEL WENDI L (US) Applicant: IBM (US)  
EC: G06F17/30W9C IPC: G06F17/30  
Publication info: **US6633874** - 2003-10-14
- 26 Intelligent device having background caching of web pages from a digital television broadcast signal and method of same**  
Inventor: BROTZ MARIO UDO (US); WANG DAVID S Applicant: SONY CORP OF JAPAN (JP); SONY  
(US) ELECTRONICS INC (US)  
EC: IPC: H04N5/445; H04N7/16; (+3)  
Publication info: **US6374404** - 2002-04-16
- 27 Method and apparatus for selective caching and cleaning of history pages for web browsers**  
Inventor: HIMMEL MARIA AZUA (US); RODRIGUEZ Applicant: IBM (US)  
HERMAN (US)  
EC: G06F17/30W9C IPC: G06F15/167  
Publication info: **US6453342** - 2002-09-17
- 28 OPTIMUM CACHING MANAGING METHOD OF WEB CLIENT AND ITS SYSTEM**  
Inventor: SASA HIDEAKI Applicant: NIPPON ELECTRIC CO  
EC: IPC: G06F12/00; H04L12/54; (+2)  
Publication info: **JP2000029765** - 2000-01-28
- 29 Method for collaborative transformation and caching of web objects in a proxy network**  
Inventor: BEURKET JOHN BENJAMIN (US); MALKIN Applicant: IBM (US)



PETER KENNETH (US); (+3)

EC: G06F17/30W9C; G06F17/30W9V; (+1)

IPC: G06F15/173

Publication info: **US6122666** - 2000-09-19

**30 Method for optimizing off-peak caching of web data**

Inventor: THOMPSON JOSEPH RAYMOND (US);

Applicant: IBM (US)

BERSTIS VIKTORS (US)

EC: G06F17/30W9C; H04L12/56D; (+1)

IPC: G06F15/173

Publication info: **TW499640** - 2002-08-21

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Data supplied from the **esp@cenet** database - Worldwide

**RESULT LIST**

31 results found in the Worldwide database for:  
**web and caching and method** in the title  
(Results are sorted by date of upload in database)

**31 Method and system for web site construction using HTML fragment caching**

**Inventor:** LAFER JOHN P (US); FAUST JOHN E (US); (+2)      **Applicant:** MEDIAONE GROUP INC (US)

**EC:** G06F17/30W7S

**IPC:** G06F17/30

**Publication info:** **US6192382** - 2001-02-20

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Data supplied from the **esp@cenet** database - Worldwide

**RESULT LIST**

4 results found in the Worldwide database for:  
**web and caching** in the title AND **michael** as the applicant  
(Results are sorted by date of upload in database)

- 1 Dynamic web page caching system and method**  
Inventor: CORCORAN MICHAEL (CA)      Applicant:  
EC: G06F17/30W9C      IPC: G06F15/16  
Publication info: **US2003120752** - 2003-06-26
- 2 Method of caching web resources**  
Inventor: ROSENZWEIG MICHAEL D (US)      Applicant:  
EC: G06F17/30W9C      IPC: G06F12/00  
Publication info: **US2001023476** - 2001-09-20
- 3 Distributed execution coordination for web caching with dynamic content**  
Inventor: COPELAND GEORGE P (US); CONNER MICHAEL H (US); (+1)      Applicant:  
EC: G06F17/30W9C      IPC: G06F13/00  
Publication info: **US2002147887** - 2002-10-10
- 4 CACHING WEB RESOURCES USING VARIED REPLACEMENT STRATEGIES AND STORAGE**  
Inventor: ROSENZWEIG MICHAEL D (US)      Applicant:  
EC: G06F17/30W9C      IPC: G06F12/08  
Publication info: **US2001034814** - 2001-10-25

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0 results found in the Worldwide database for:

**web and caching and url** in the title

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**RESULT LIST**

0 results found in the Worldwide database for:

**web and caching and stag** in the title

(Results are sorted by date of upload in database)

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**RESULT LIST**

0 results found in the Worldwide database for:  
**web and caching and coherency** in the title  
(Results are sorted by date of upload in database)

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 Terms used **coherency** and **cache** and **log** and **url**

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### 1 [Engineering web cache consistency](#)

Jian Yin, Lorenzo Alvisi, Mike Dahlin, Arun Iyengar

 August 2002 **ACM Transactions on Internet Technology (TOIT)**, Volume 2 Issue 3

 Full text available: pdf(403.96 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Server-driven consistency protocols can reduce read latency and improve data freshness for a given network and server overhead, compared to the traditional consistency protocols that rely on client polling. Server-driven consistency protocols appear particularly attractive for large-scale dynamic Web workloads because dynamically generated data can change rapidly and unpredictably. However, there have been few reports on engineering server-driven consistency for such workloads. This article repo ...

**Keywords:** Cache coherence, cache consistency, dynamic content, lease, scalability, volume

### 2 [Proxy-based acceleration of dynamically generated content on the world wide web: An approach and implementation](#)

Anindya Datta, Kaushik Dutta, Helen Thomas, Debra Vandermeer, Krithi Ramamritham

 June 2004 **ACM Transactions on Database Systems (TODS)**, Volume 29 Issue 2

 Full text available: pdf(927.23 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

As Internet traffic continues to grow and websites become increasingly complex, performance and scalability are major issues for websites. Websites are increasingly relying on dynamic content generation applications to provide website visitors with dynamic, interactive, and personalized experiences. However, dynamic content generation comes at a cost---each request requires computation as well as communication across multiple components. To address these issues, various dynamic content caching ap ...

**Keywords:** Edge caching, caching dynamically generated content, fragment caching, implementation, proxy caching, world wide web

### 3 [Time-critical multiresolution scene rendering](#)

Enrico Gobbetti, Eric Bouvier

 October 1999 **Proceedings of the conference on Visualization '99: celebrating ten years**

 Full text available: pdf(681.94 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


We describe a framework for time-critical rendering of graphics scenes composed of a large number of objects having complex geometric descriptions. Our technique relies upon a scene description in which objects are represented as multiresolution meshes. We perform a constrained optimization at each frame to choose the resolution of each potentially visible object that generates the best quality image while meeting timing constraints. The technique provides smooth level-of-detail control and ...

**Keywords:** adaptive rendering, level of detail, multiresolution modeling, time-critical graphics

#### 4 Collaborative Web caching based on proxy affinities

Jiong Yang, Wei Wang, Richard Muntz

June 2000 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 2000 ACM SIGMETRICS international conference on Measurement and modeling of computer systems**, Volume 28 Issue 1

Full text available:  pdf(1.10 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

With the exponential growth of hosts and traffic workloads on the Internet, collaborative web caching has been recognized as an efficient solution to alleviate web page server bottlenecks and reduce traffic. However, cache discovery, i.e., locating where a page is cached, is a challenging problem, especially in the fast growing World Wide Web environment, where the number of participating proxies can be very large. In this paper, we propose a new scheme which employs proxy affinities to mai ...

#### 5 Papers: A survey of web caching schemes for the Internet

Jia Wang

October 1999 **ACM SIGCOMM Computer Communication Review**, Volume 29 Issue 5

Full text available:  pdf(1.15 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The World Wide Web can be considered as a large distributed information system that provides access to shared data objects. As one of the most popular applications currently running on the Internet, the World Wide Web is of an exponential growth in size, which results in network congestion and server overloading. Web caching has been recognized as one of the effective schemes to alleviate the service bottleneck and reduce the network traffic, thereby minimize the user access latency. In this pap ...

#### 6 Potential benefits of delta encoding and data compression for HTTP

Jeffrey C. Mogul, Fred Douglass, Anja Feldmann, Balachander Krishnamurthy

October 1997 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM SIGCOMM '97 conference on Applications, technologies, architectures, and protocols for computer communication**, Volume 27 Issue 4

Full text available:  pdf(2.00 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Caching in the World Wide Web currently follows a naive model, which assumes that resources are referenced many times between changes. The model also provides no way to update a cache entry if a resource does change, except by transferring the resource's entire new value. Several previous papers have proposed updating cache entries by transferring only the differences, or "delta," between the cached entry and the current value. In this paper, we make use of dynamic traces of the full contents of ...

#### 7 Industrial sessions: beyond relational tables: Coordinating backup/recovery and data consistency between database and file systems

Suparna Bhattacharya, C. Mohan, Karen W. Brannon, Inderpal Narang, Hui-I Hsiao, Mahadevan Subramanian

June 2002 **Proceedings of the 2002 ACM SIGMOD international conference on**



### Management of data

Full text available:  [pdf\(1.44 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Managing a combined store consisting of database data and file data in a robust and consistent manner is a challenge for database systems and content management systems. In such a hybrid system, images, videos, engineering drawings, etc. are stored as files on a file server while meta-data referencing/indexing such files is created and stored in a relational database to take advantage of efficient search. In this paper we describe solutions for two potentially problematic aspects of such a data ...

**Keywords:** DB2, content management, database backup, database recovery, datalinks

### 8 Engineering server-driven consistency for large scale dynamic Web services

Jian Yin, Lorenzo Alvisi, Mike Dahlin, Arun Iyengar

April 2001 **Proceedings of the 10th international conference on World Wide Web**

Full text available:  [pdf\(291.44 KB\)](#)


Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** Web cache consistency, dynamic content, performance, scalability, volume lease

### 9 The design and implementation of a next generation name service for the internet

Venugopalan Ramasubramanian, Emin Gün Sirer

August 2004 **ACM SIGCOMM Computer Communication Review , Proceedings of the 2004 conference on Applications, technologies, architectures, and protocols for computer communications**, Volume 34 Issue 4

Full text available:  [pdf\(472.93 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Name services are critical for mapping logical resource names to physical resources in large-scale distributed systems. The Domain Name System (DNS) used on the Internet, however, is slow, vulnerable to denial of service attacks, and does not support fast updates. These problems stem fundamentally from the structure of the legacy DNS. This paper describes the design and implementation of the Cooperative Domain Name System (CoDoNS), a novel name service, which provides high lookup performance thro ...

**Keywords:** DNS, peer to peer, proactive caching

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